

FlexEnergy LLC

What are we making?



1. *Dryer Ready Batteries (via Engineered Membranes)*

- Pyrolux™ Membrane – High Temperature Batteries, Nonflammable, Safe, Better thermal stability
- Membranes for non traditional Electrolytes

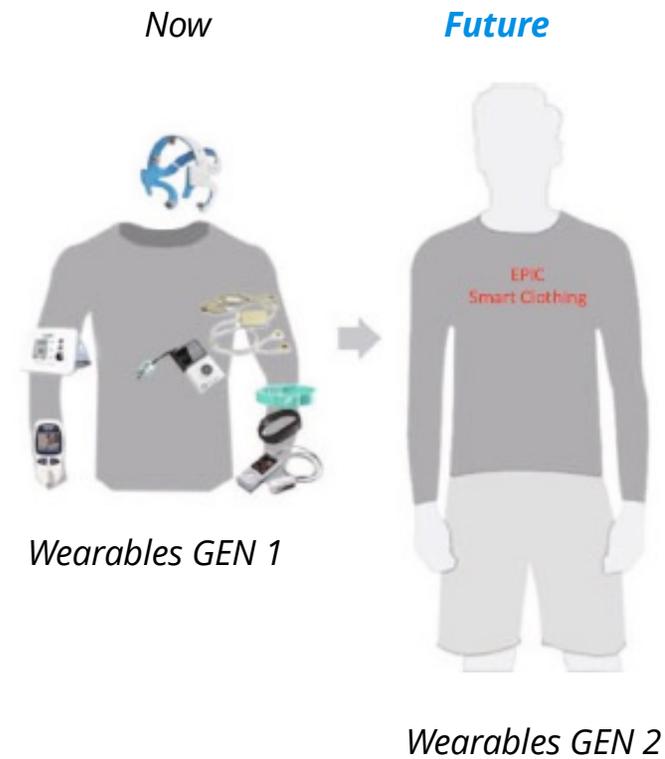
2. *Flexible, Embeddable Storage (Batteries)*

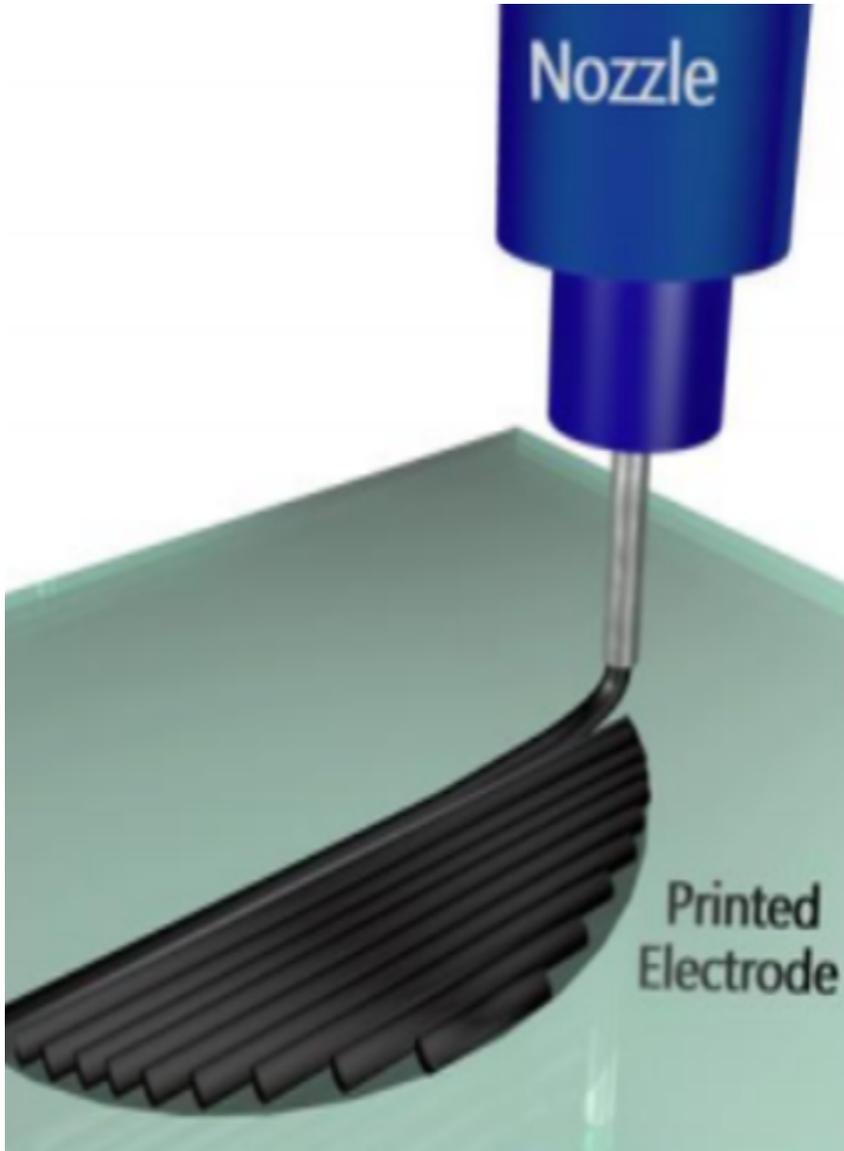
- Flexible Batteries for Wearables
- High Temperature Batteries
 - Autoclavable Surgical Batteries
 - Batteries for Downhole Exploration

ABOUT US

Our Vision for Future

A Flexible battery that can be **seamlessly integrated** with smart clothing will enable GEN2 Wearables





FLEX ENERGY

Technology

- Fabricated by Direct write additive manufacturing
- Effective method to create complex, multifunctional structures
- No change in battery performance even the battery is flexed or creased hundred of times
- Use of high-capacity cathodes and anodes for high volumetric & gravimetric efficiency
- Materials Agnostic manufacturing approach offers flexibility and reduce risks.
- Bendable, Flexible, Creasible – Robust & can handle extreme stresses



Power of FlexEnergy Battery

How powerful will FlexEnergy's batteries
2 of 30 inch² or 2 - (193.548 cm²) batteries be?



5" x 6" pocket = 30 inch²

with 2 mAh/cm² -774 mAh
with 7 mAh/cm² -2709 mAh



Q2 2022 (2 mAh/cm², 774 mAh)

2 Apple Watch Series 6 (44mm) - 606 mAh



Q4 2022 (7 mAh/cm², 2709 mAh)

Apple iPhone X - 2700 mAh

